



#8/Req for reconsideration

8-4-00
A.T.

Patent

Attorney's Docket No. 027575-152**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of)
John G. FREED) Group Art Unit: 2749
Application No.: 09/035,944)
Filed: March 6, 1998) Examiner: Y. Waldetatios
For: SYSTEM AND METHOD OF)
IMPROVING THE DYNAMIC)
RANGE OF A RECEIVER IN)
THE PRESENCE OF A)
NARROWBAND INTERFERING)
SIGNAL)

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AUG 2 2000
Group 2700

RESPONSE

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Examiner's Action mailed April 26, 2000, the following remarks are submitted for consideration.

REMARKS

Claims 1-21 are pending.

Applicant acknowledges with appreciation the consideration of the First and Second Information Disclosure Statements filed June 22, 1998 and August 26, 1999, respectively. A Third Information Disclosure Statement was filed on June 29, 2000. Consideration of this Third Information Disclosure Statement and acknowledgment of such consideration are respectfully requested.

Claims 1-21 were rejected under 35 U.S.C. § 103(a) as being obvious over U.S. Patent No. 5,758,271 to Rich et al. ("Rich") in view of U.S. Patent No. 5,930,692 to Peterzell et al. ("Peterzell"). This rejection is respectfully traversed.

Claim 1 recites an apparatus for improving the dynamic range of a receiver. The apparatus includes a processor for computing an error rate of a received signal and a low noise amplifier with an adjustable input intercept point. The input intercept point is adjusted depending on the computed error rate.